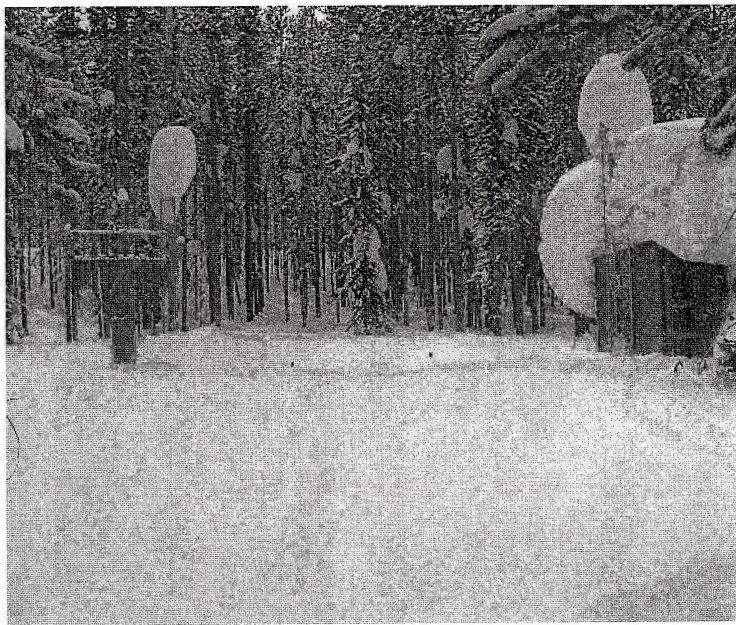


Montana Water Supply Outlook Report February 1, 2011



Picture: Madison Plateau SNOTEL Site near West Yellowstone

Water Supply Outlook Report

and Federal - State - Private Cooperative Snow Surveys



For more water supply and resource management information, contact:

**Water Supply Specialist
Federal Building
10 East Babcock, Room 443
Bozeman, MT 59715
or
Phone 406-587-6991**

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

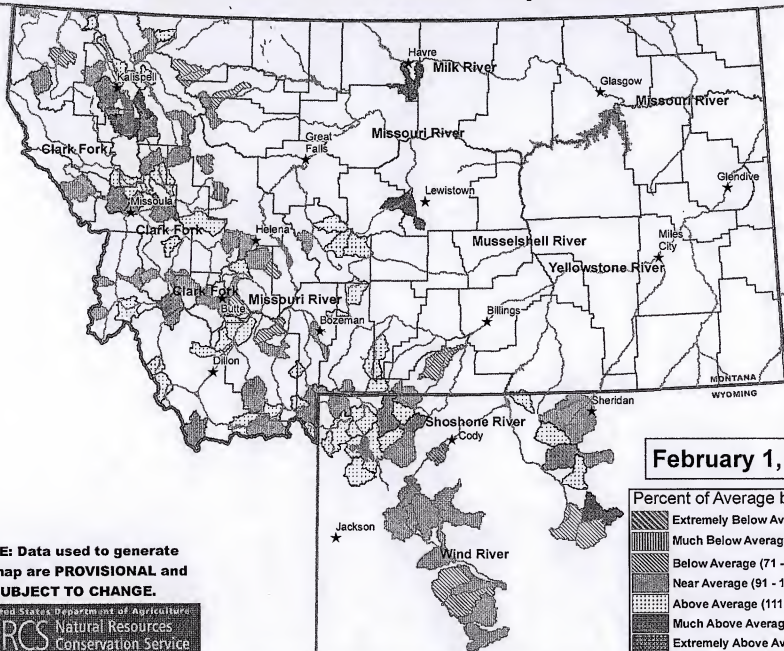
Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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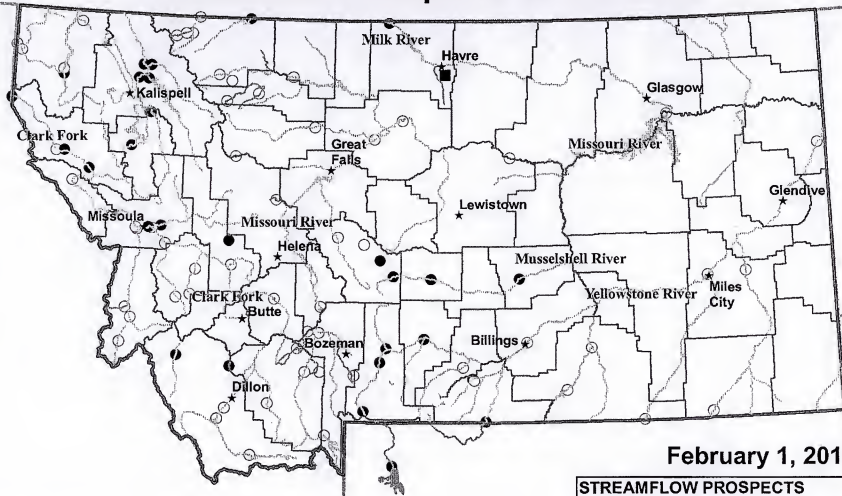
To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C., 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

Mountain Snow Water Equivalent





Streamflow Prospects for Montana



February 1, 2011

STREAMFLOW PROSPECTS

- Extremely Above Average (Over 150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- ⊙ Below Average (71 - 90)
- Much Below Average (51 - 70)
- ▲ Extremely Below Average (Below 51)

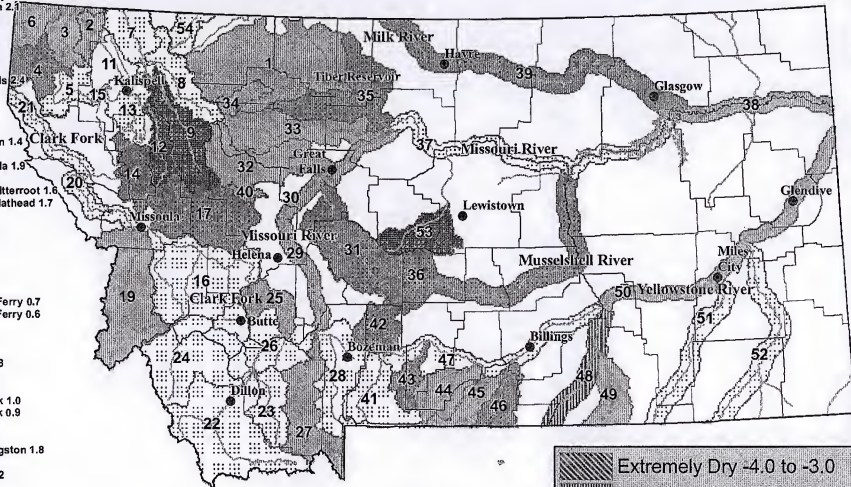
NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.



RIVER INDEX & SWSI VALUES

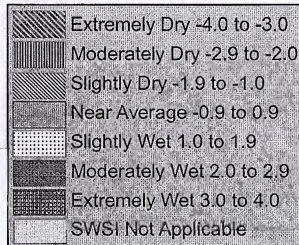
- 1 Marias above Tiber Reservoir 0.0
- 2 Tobacco 0.9
- 3 Kootenai Ft. Steele to Libby Dam 0.7
- 4 Kootenai below Libby Dam 2.1
- 5 Fisher 1.4
- 6 Yaak 0.5
- 7 North FK. Flathead 1.9
- 8 Middle FK. Flathead 1.7
- 9 South FK. Flathead 3.7
- 10 Flathead at Columbia Falls 2.4
- 12 Swan 3.0
- 13 Flathead at Polson 1.7
- 14 Mission Valley 2.8
- 15 Little Bitterroot
- 16 Clark Fork above Milltown 1.4
- 17 Blackfoot 2.3
- 18 Clark Fork above Missoula 1.9
- 19 Bitterroot 0.9
- 20 Clark Fork River below Bitterroot 1.6
- 21 Clark Fork River below Flathead 1.7
- 22 Beaverhead 1.4
- 23 Ruby 1.3
- 24 Big Hole 1.5
- 25 Boulder (Jefferson) 0.1
- 26 Jefferson 1.9
- 27 Madison 0.6
- 28 Gallatin 1.1
- 29 Missouri above Canyon Ferry 0.7
- 30 Missouri below Canyon Ferry 0.6
- 31 Smith 2.5
- 32 Sun -0.4
- 33 Teton 0.7
- 34 Birch/Dupuyer Creeks 0.8
- 35 Marias 2.0
- 36 Musselshell 2.2
- 37 Missouri above Fort Peck 1.0
- 38 Missouri below Fort Peck 0.9
- 39 Milk 2.2
- 40 Dearborn near Craig -0.3
- 41 Yellowstone above Livingston 1.8
- 42 Shields 2.5
- 43 Boulder (Yellowstone) 2.2
- 44 Stillwater 0.6
- 45 Rock/Red Lodge Creeks -0.9
- 46 Clarks Fork Yellowstone 2.4
- 47 Yellowstone above Bighorn River 1.7
- 48 Bighorn below Bighorn Lake -2.0
- 49 Little Bighorn 0.2
- 50 Yellowstone below Bighorn 0.0
- 51 Tongue 1.6
- 52 Powder 1.3
- 53 Upper Judith 3.3
- 54 Saint Mary 1.9

Surface Water Supply Index (SWSI) Values



February 1, 2011

**NOTE: Data used to generate
this map are PROVISIONAL and
SUBJECT TO CHANGE.**





SNOW COURSE AND SNOTEL SITE DATA
FEBRUARY 2011

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	2/01/11	40	9.8	11.7	13.1
ASHLEY DIVIDE	4820	1/27/11	27	7.4	2.7	5.1
ASHLEY LAKE	4000	1/27/11	28	4.8	2.1	4.4
BADGER PASS SNOTEL	6900	2/01/11	71	22.0	18.8	22.3
BANFIELD MTN SNOTEL	5600	2/01/11	45	11.3	7.5	13.3
BARKER LAKES SNOTEL	8250	2/01/11	34	8.4	11.4	9.2
BASIN CREEK SNOTEL	7180	2/01/11	22	5.1	4.4	4.9
BEAGLE SPGS SNOTEL	8850	2/01/11	31	7.2	6.8	5.5
BEAVER CREEK SNOTEL	7850	2/01/11	54	15.3	8.4	11.5
BISSON CREEK SNOTEL	4920	2/01/11	44	11.4	6.2	6.8
BLACK BEAR SNOTEL	7950	2/01/11	86	29.2	18.3	25.6
BLACK PINE SNOTEL	7100	2/01/11	34	8.9	5.4	8.0
BLACKTAIL	5650	1/29/11	44	12.8	6.6	9.6
BLOODY DICK SNOTEL	7550	2/01/11	34	8.9	5.1	8.4
BOULDER MTN SNOTEL	7950	2/01/11	53	14.2	12.6	13.4
BOX CANYON SNOTEL	6700	2/01/11	32	8.5	3.9	6.7
BOXELDER CREEK	5100	2/01/11	---	10.0E	3.2	5.2
BRACKETT CR SNOTEL	7320	2/01/11	49	15.8	12.2	13.3
BURNT MTN SNOTEL	5880	2/01/11	15	4.1	2.7	4.0
CALVERT CR SNOTEL	6430	2/01/11	32	7.9	3.6	5.9
CARROT BASIN SNOTEL	9000	2/01/11	65	18.7	13.8	18.1
CHESSMAN RESERVOIR	6200	1/26/11	15	3.0	2.3	2.5
CHICKEN CREEK	4060	1/27/11	47	13.2	8.7	11.5
CLOVER MDW SNOTEL	8800	2/01/11	41	11.2	8.9	11.1
COLE CREEK SNOTEL	7850	2/01/11	31	7.1	8.8	9.8
COMBINATION SNOTEL	5600	2/01/11	12	3.8	3.1	3.4
COPPER BOTTOM SNOTEL	5200	2/01/11	22	5.6	4.2	8.0
COPPER CAMP SNOTEL	6950	2/01/11	103	38.1	21.4	--
COPPER MOUNTAIN	7700	1/29/11	30	6.1	6.0	7.0
COYOTE HILL	4200	1/28/11	27	8.1	4.3	7.3
CREVICE MOUNTAIN	8400	1/25/11	43	10.7	4.3	7.6
CRYSTAL LAKE SNOTEL	6050	2/01/11	46	12.7	12.7	8.1
DAISY PEAK SNOTEL	7600	2/01/11	32	7.1	7.6	6.7
DALY CREEK SNOTEL	5780	2/01/11	30	7.5	5.2	7.4
DARKHORSE LK. SNOTEL	8700	2/01/11	78	24.1	17.1	20.4
DEADMAN CR SNOTEL	6450	2/01/11	37	9.0	6.7	7.1
DISCOVERY BASIN	7050	1/31/11	31	6.5	5.2	6.6
DIVIDE SNOTEL	7800	2/01/11	35	8.3	5.3	6.9
DIX HILL	6400	1/29/11	29	7.9	5.1	7.6
DUPUYER CREEK SNOTEL	5750	2/01/11	24	5.8	3.8	7.3
EMERY CREEK SNOTEL	4350	2/01/11	49	13.5	8.0	10.5
FISH CREEK	8000	1/28/11	26	6.6	6.2	5.8
FISHER CREEK SNOTEL	9100	2/01/11	85	26.5	17.0	23.8
FLATTOP MTN SNOTEL	6300	2/01/11	115	33.6	25.8	31.8
FROHNER MDWS SNOTEL	6480	2/01/11	23	5.4	4.5	5.0
GARVER CREEK SNOTEL	4250	2/01/11	26	7.4	6.3	7.3
GRAVE CRK SNOTEL	4300	2/01/11	44	12.6	9.2	11.7
HAND CREEK SNOTEL	5030	2/01/11	35	9.0	5.9	8.6
HAWKINS LAKE SNOTEL	6450	2/01/11	59	17.4	14.0	18.4
HEBGEN DAM	6550	1/26/11	39	8.0	3.4	8.2
HELL ROARING DIVIDE	5770	1/29/11	82	25.3	17.2	20.7
HERRIG JUNCTION	4850	1/27/11	62	18.8	13.7	18.1
HOLBROOK	4530	2/02/11	24	6.7	4.3	7.2
HOODOO BASIN SNOTEL	6050	2/01/11	93	31.1	15.2	30.1
INTERGAARD	6450	1/26/11	21	4.8	2.0	4.8
JOHNSON PARK	6450	2/03/11	22	4.9	4.6	3.9
KRAFT CREEK SNOTEL	4750	2/01/11	41	10.9	6.9	10.9
LAKEVIEW RDG. SNOTEL	7400	2/01/11	32	7.3	4.4	7.2
LEMHI RIDGE SNOTEL	8100	2/01/11	33	8.3	7.1	6.9
LICK CREEK SNOTEL	6860	2/01/11	28	6.6	5.1	7.4
LONE MOUNTAIN SNOTEL	8880	2/01/11	51	14.7	9.5	12.1

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LOWER TWIN SNOTEL	7900	2/01/11	41	11.7	10.4	12.0
LUBRECHT SNOTEL	4680	2/01/11	19	5.0	3.1	4.2
LUBRECHT FOREST NO 3	5450	1/31/11	24	5.8	2.2	4.6
LUBRECHT FOREST NO 4	4650	1/31/11	11	2.7	1.4	2.5
LUBRECHT FOREST NO 6	4040	1/31/11	20	5.4	1.9	2.8
LUBRECHT HYDROPLT	4200	1/31/11	24	6.1	2.5	4.2
MADISON PLT SNOTEL	7750	2/01/11	56	18.4	11.2	16.2
MANY GLACIER SNOTEL	4900	2/01/11	45	12.8	7.7	11.2
MARIAS PASS	5250	1/27/11	40	11.7	6.7	11.7
MONUMENT PK SNOTEL	8850	2/01/11	61	17.4	10.9	14.2
MOSS PEAK SNOTEL	6780	2/01/11	113	36.4	25.0	24.6
MOULTON RESERVOIR	6850	1/28/11	26	5.8	4.1	5.2
MT LOCKHART SNOTEL	6400	2/01/11	52	15.3	9.9	14.2
MULE CREEK SNOTEL	8300	2/01/11	48	12.5	8.5	10.4
N.E. ENTRANCE SNOTEL	7350	2/01/11	33	8.8	3.9	7.7
NEVADA RIDGE SNOTEL	7020	2/01/11	45	12.1	7.9	10.1
NEZ PERCE CMP SNOTEL	5650	2/01/11	34	10.0	6.0	9.9
NEZ PERCE CREEK	6600	1/28/11	22	4.1	3.0	4.3
N.F. ELK CR SNOTEL	6250	2/01/11	42	10.3	5.2	8.0
NF JOCKO SNOTEL	6330	2/01/11	117	37.5	22.0	30.1
NOISY BASIN SNOTEL	6040	2/01/11	127	44.5	24.3	27.0
OPHIR PARK	7150	1/29/11	39	11.6	8.6	10.6
PETERSON MDW SNOTEL	7200	2/01/11	25	5.7	5.7	6.1
PICKFOOT CRK SNOTEL	6650	2/01/11	33	8.2	6.2	7.9
PIKE CREEK SNOTEL	5930	2/01/11	44	12.9	7.9	17.8
PIPESTONE PASS	7200	1/28/11	16	3.0	2.6	3.2
PLACER BASIN SNOTEL	8830	2/01/11	49	13.5	9.9	11.7
POORMAN CR SNOTEL	5100	2/01/11	88	29.5	15.9	21.4
PORCUPINE SNOTEL	6500	2/01/11	22	5.4	3.4	4.5
ROCKER PEAK SNOTEL	8000	2/01/11	39	10.3	8.3	9.1
ROCKY BOY SNOTEL	4700	2/01/11	31	7.0	3.2	3.7
SACAJAWEA SNOTEL	6550	2/01/11	37	10.8	8.0	8.9
SADDLE MTN SNOTEL	7900	2/01/11	67	20.2	9.6	17.3
S.F. SHIELDS SNOTEL	8100	2/01/11	44	12.0	9.8	10.7
SHORT CREEK SNOTEL	7000	2/01/11	21	4.7	2.8	3.9
SHOWER FALLS SNOTEL	8100	2/01/11	53	14.9	12.2	14.0
SKALKAHO SNOTEL	7260	2/01/11	60	17.2	8.5	16.0
SLEEPING WOMAN SNTL	6150	2/01/11	46	13.0	6.4	10.6
SPOTTED BEAR MTN.	7000	2/02/11	42	10.2	7.7	10.1
SPUR PARK SNOTEL	8100	2/01/11	59	17.8	12.3	14.6
STAHL PEAK SNOTEL	6030	2/01/11	96	30.3	21.0	24.1
STORM LAKE	7780	1/31/11	34	7.1	7.7	8.3
STRYKER BASIN	6180	1/27/11	76	24.9	19.5	21.3
STUART MOUNTAIN SNTL	7400	2/01/11	99	30.9	15.2	22.8
TAYLOR ROAD	4080	2/01/11	---	6.3E	3.2	2.6
TEN MILE LOWER	6600	1/26/11	24	4.3	3.7	4.7
TEN MILE MIDDLE	6800	1/26/11	28	6.2	6.1	7.1
TEPEE CREEK SNOTEL	8000	2/01/11	39	10.2	6.8	8.5
TIZER BASIN SNOTEL	6840	2/01/11	25	5.0	6.3	6.5
TRINKUS LAKE	6100	2/02/11	111	38.5	22.2	26.6
TRUMAN CREEK	4060	1/27/11	16	4.8	1.8	3.5
TV MOUNTAIN	6800	2/02/11	55	17.4	7.1	11.8
TWELVEMILE SNOTEL	5600	2/01/11	36	10.6	7.0	12.8
TWENTY-ONE MILE	7150	1/31/11	41	11.7	5.9	11.1
TWIN LAKES SNOTEL	6400	2/01/11	85	28.5	15.0	27.5
UPPER HOLLAND LAKE	6200	2/02/11	80	24.8	14.7	23.7
WALDRON SNOTEL	5600	2/01/11	29	7.3	5.2	8.0
WARM SPRINGS SNOTEL	7800	2/01/11	57	15.5	12.1	13.8
WEASEL DIVIDE	5450	2/03/11	70	23.2	17.1	21.5
WEST YELL'ST SNOTEL	6700	2/01/11	35	9.4	4.7	8.6
WHISKEY CREEK SNOTEL	6800	2/01/11	46	13.2	6.8	11.1
WHITE MILL SNOTEL	8700	2/01/11	66	18.3	12.1	16.1
WOOD CREEK SNOTEL	5960	2/01/11	28	6.9	3.7	6.3

Montana Water Supply Outlook Report as of February 1, 2011

February 1 mountain snowpack was above average and well above last year, due to continued mountain precipitation. January mountain precipitation west of the Divide was 131 percent of average and east of the Divide was 110 percent of average.

Snowpack

The first of February is when we are at 65 percent of our seasonal snowpack maximum west of the Divide and 63 percent of our seasonal snowpack maximum east of the Divide. State-wide mountain snow water contents were 113 percent of average and 154 percent of last year. West of the Divide snowpack was 113 percent of average and 157 percent of last year and east of the Divide snowpack was 111 percent of average and 149 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	JANUARY % CHANGE
COLUMBIA	113	157	+7
KOOTENAI, MONTANA	107	142	+6
KOOTENAY, CANADA	94	111	--
FLATHEAD, MONTANA	121	159	+10
FLATHEAD, CANADA	110	162	--
UPPER CLARK FORK	112	154	+2
BITTERROOT	103	183	+9
LOWER CLARK FORK	116	182	+4
MISSOURI	113	142	0
MISSOURI HEADWATERS	109	143	-8
JEFFERSON	107	135	-3
MADISON	109	154	-12
GALLATIN	113	144	-3
MISSOURI MAINSTEM	109	143	+1
HEADWATERS MAINSTEM	104	117	-2
SMITH-JUDITH-MUSSELSHELL ..	119	125	+2
SUN-TETON-MARIAS	93	146	+3
MILK	233	183	--
BEARPAW MOUNTAINS	203	243	+69
CYPRESS HILLS, CANADA ..	257	159	--
ST. MARY	108	139	+14
ST. MARY & MILK	155	161	+52
YELLOWSTONE	110	158	-4
UPPER YELLOWSTONE	115	161	-6
LOWER YELLOWSTONE	106	159	-1
STATE-WIDE	113	154	+1

Precipitation

January mountain and valley precipitation across the state was 118 percent of average and 178 percent of last year, while the water year precipitation was 111 percent of average and 131 percent of last year.

West of the Continental Divide, January mountain and valley precipitation was 131 percent of average and 213 percent of last year and the water year precipitation was 113 percent of average and 146 percent of last year. East of the Divide, January mountain and valley precipitation was 107 percent of average and 149 percent of last year and the water year precipitation was 110 percent of average and 120 percent of last year.

RIVER BASIN	JANUARY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	131	113
KOOTENAI	115	108
FLATHEAD	140	116
UPPER CLARK FORK	127	112
BITTERROOT	132	112
LOWER CLARK FORK	138	117
MISSOURI	106	111
JEFFERSON	102	110
MADISON	85	109
GALLATIN	94	112
MISSOURI MAINSTEM	123	119
SMITH-JUDITH-MUSSELSHELL	105	120
SUN-TETON-MARIAS	124	94
MILK	264	159
ST. MARY	132	102
YELLOWSTONE	107	109
UPPER YELLOWSTONE	98	113
LOWER YELLOWSTONE	125	107
STATE-WIDE	118	111

Reservoirs

Major reservoir storages state-wide were 111 percent of average and 112 percent of last year. Reservoir storage west of the Continental Divide was 136 percent of average and 105 percent of last year. East of the Continental Divide, reservoir storages were 103 percent of average and 116 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	136	105
KOOTENAI	155	102
FLATHEAD	124	108
UPPER CLARK FORK	142	105
BITTERROOT	147	151
LOWER CLARK FORK	102	99
MISSOURI	103	117
JEFFERSON	118	107
MADISON	111	99
GALLATIN	156	100
MISSOURI MAINSTEM	102	118
SMITH-JUDITH-MUSSELSHELL	144	139
SUN-TETON-MARIAS	110	105
MILK	135	138
ST. MARY	184	187
YELLOWSTONE	105	95
UPPER YELLOWSTONE	118	114
LOWER YELLOWSTONE	105	95
STATE-WIDE	111	112

Streamflow

Assuming near average precipitation, Montana streamflows are forecast to average 107 percent. West of the Continental Divide streamflows are forecast to average 112 percent. East of the Continental Divide streamflows are forecast to average 104 percent.

Below are averaged river basin streamflow forecast summaries for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July	April-July
	THIS YEAR	LAST YEAR
	% OF AVERAGE	% OF AVERAGE
COLUMBIA	111	69
KOOTENAI	101	66
FLATHEAD	121	75
UPPER CLARK FORK	107	69
BITTERROOT	105	56
LOWER CLARK FORK	109	65
MISSOURI	106	68
JEFFERSON	102	57
MADISON	99	71
GALLATIN	103	74
MISSOURI MAINSTEM	102	61
SMITH-JUDITH-MUSSELSHELL	115	84
SUN-TETON-MARIAS	97	67
MILK	148	79
ST. MARY	107	85
YELLOWSTONE	101	65
UPPER YELLOWSTONE	105	72
LOWER YELLOWSTONE	97	53
STATE-WIDE	107	68

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above, is what was forecast last year, not what actually occurred.

Surface Water Supply Index

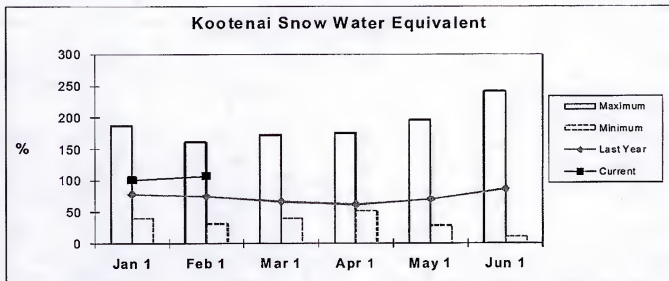
The Surface Water Supply Index (SWSI) is a measure of surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING		SURFACE WATER CONDITION
+3.0 to +4.0		Extremely Wet
+2.0 to +3.0		Moderately Wet
+1.0 to +2.0		Slightly Wet
-1.0 to +1.0		Near Average
-1.0 to -2.0		Slightly Dry
-2.0 to -3.0		Moderately Dry
-3.0 to -4.0		Extremely Dry

This year SWSI	Last year SWSI	Basin
+0.9	-2.9	Tobacco River
+0.7	-1.6	Kootenai Ft. Steele to Libby Dam
+2.1	+0.4	Kootenai River below Libby Dam
+1.4	-2.7	Fisher River
+0.5	-3.3	Yaak River
+1.9	-2.5	North Fork Flathead River
+1.7	-2.7	Middle FORK Flathead River
+3.7	-0.3	South Fork Flathead River
+2.4	-1.6	Flathead River at Columbia Falls
+3.0	-0.7	Swan River
+1.7	-2.6	Flathead River at Polson
+2.8	-2.6	Mission Valley
---	-3.6	Little Bitterroot River
+1.4	-1.5	Clark Fork River above Milltown
+2.3	-2.5	Blackfoot River
+0.9	-2.5	Bitterroot River
+1.6	-2.1	Clark Fork River below Bitterroot River
+1.7	-2.4	Clark Fork River below Flathead River
+1.4	-0.7	Beaverhead River
+1.3	-1.3	Ruby River
+1.5	-1.1	Big Hole River
+0.1	-1.1	Boulder River (Jefferson)
+1.9	-0.5	Jefferson River
+0.6	-1.7	Madison River
+1.1	-1.5	Gallatin River
+0.7	-1.5	Missouri River above Canyon Ferry
+0.6	-1.7	Missouri River below Canyon Ferry
+2.5	-0.2	Smith River
-0.4	-2.5	Sun River
+0.7	-0.3	Teton River
+0.8	-2.4	Birch/Dupuyer Creeks
+3.3	+1.8	Upper Judith River
0.0	-1.7	Marias River above Tiber
+2.0	-1.9	Marias River below Tiber
+2.2	+1.2	Musselshell River
+1.0	-1.8	Missouri River above Ft. Peck
+0.9	-1.8	Missouri River below Ft. Peck
+1.9	-1.3	St. Mary River
+2.2	+0.3	Milk River
-0.3	-2.5	Dearborn River near Craig
+1.8	-2.8	Yellowstone River above Livingston
+2.5	-0.8	Shields River
+2.2	-2.5	Boulder River (Yellowstone)
+0.6	-2.0	Stillwater River
-0.9	-0.8	Rock/Red Lodge Creeks
+2.4	-2.7	Clarks Fork River
+1.7	-2.6	Yellowstone River above Bighorn River
-2.0	-1.7	Bighorn River below Bighorn Lake
+0.2	-2.5	Little Bighorn River
0.0	-2.2	Yellowstone River below Bighorn River
+1.6	-1.8	Tongue River
+1.3	-1.7	Powder River
+1.0	+1.9	Clark Fk above Missoula
+1.6	+2.1	Canyon Ferry/Elwell

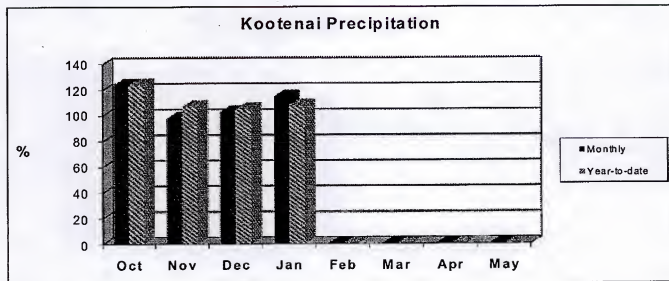
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin in Montana were above average and increased 6 percent from January 1. Snow water content was 107 percent of average and 142 percent of last year. Snow water content in the Kootenai in Canada was 94 percent of average and 111 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 1977 and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 117 percent of average and 190 percent of last year. Valley precipitation during January was 100 percent of average and 189 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 108 percent of average and 133 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 101 percent.

Lake Koocanusa storage was 155 percent of average and 102 percent of last year.

Surface Water Supply Index (SWSI) was +0.9 in the Tobacco River; +0.7 in the Kootenai Ft. Steele to Libby Dam; +2.1 in the Kootenai River below Libby Dam; +1.4 in the Fisher River; and +0.5 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		90%	70%	Chance Of Exceeding *		30%	10%	
		(1000AF)	(1000AF)	50% (1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Tobacco R nr Eureka	APR-JUL	114	131	142	104	153	170	136
	APR-SEP	124	143	156	104	169	188	150
Libby Reservoir Inflow (1,2)	APR-JUL	4620	5250	5530	98	5810	6440	5640
	APR-SEP	5660	6240	6510	98	6780	7360	6640
Fisher River nr Libby	APR-JUL	183	225	255	111	285	325	230
	APR-SEP	195	240	270	110	300	345	245
Yaak River nr Troy	APR-JUL	340	400	440	95	480	540	465
	APR-SEP	365	425	465	95	505	565	490
Kootenai R at Leonia (1,2)	APR-JUL	5700	6540	6920	98	7300	8140	7040
	APR-SEP	6820	7620	7990	98	8360	9160	8120

KOOTENAI RIVER BASIN in Montana Reservoir Storage (1000 AF) - End of January					KOOTENAI RIVER BASIN in Montana Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE KOOCANUSA	5748.0	3721.0	3661.0	2400.9	KOOTENAI in CANADA	20	109	93
					KOOTENAI MAINSTEM	3	151	104
					TOBACCO	3	140	115
					FISHER	1	153	105
					YAAK	2	122	96
					KOOTENAI in MONTANA	9	142	107
					KOOTENAI ab BONNERS FERRY	29	121	99

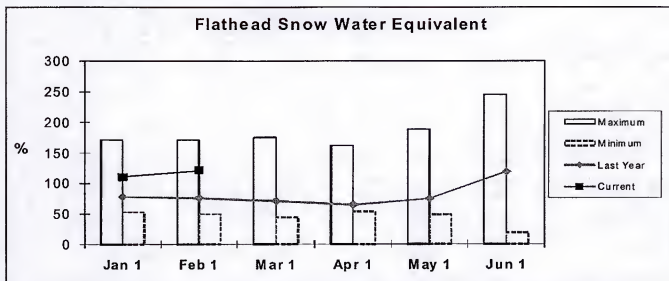
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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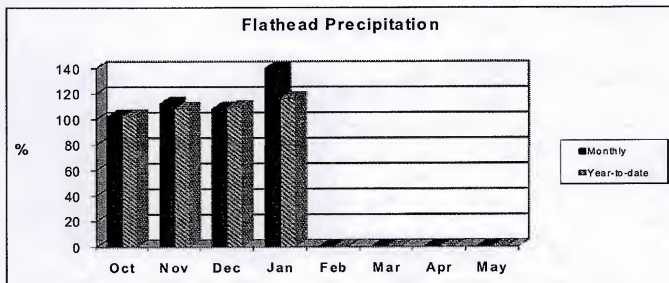
Flathead River Basin

Snowpack conditions in the Flathead River Basin in Montana were above average and increased 10 percent from January 1. Snow water content was 121 percent of average and 159 percent of last year. Flathead snow water content in Canada was 110 percent of average and 162 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1997 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 140 percent of average and 220 percent of last year. Valley precipitation during January was 136 percent of average and 133 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 116 percent of average and 135 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 121 percent.

Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 130 percent of average and 106 percent of last year; and Flathead Lake storage was 110 percent of average and 115 percent of last year.

Surface Water Supply Index (SWSI) was +1.9 in the North Fork Flathead River; +1.7 in the Middle Fork Flathead River; +3.7 in the South Fork Flathead River; +2.4 in the Flathead River at Columbia Falls; +3.0 in the Swan River; and +1.7 in the Flathead River at Polson; +2.8 in the Mission Valley.

FLATHEAD RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		90%	70%	Chance Of Exceeding *		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
NF Flathead R nr Columbia Falls	APR-JUL	1520	1670	1770	109	1870	2020	1620
	APR-SEP	1710	1870	1970	109	2070	2230	1800
MF Flathead R nr West Glacier	APR-JUL	1480	1650	1760	111	1870	2040	1590
	APR-SEP	1630	1800	1920	110	2040	2210	1740
SF Flathead R nr Hungry Horse	APR-JUL	1220	1350	1440	115	1530	1660	1250
	APR-SEP	1300	1440	1530	115	1620	1760	1330
Hungry Horse Reservoir Inflow (1,2)	APR-JUL	1870	2140	2270	114	2400	2670	2000
	APR-SEP	1990	2280	2410	114	2540	2830	2120
Flathead R at Columbia Falls (2)	APR-JUL	5220	5690	6000	112	6310	6780	5350
	APR-SEP	5730	6210	6540	112	6870	7350	5820
Ashley Ck nr Marion (2)	APR-JUL	5.9	7.3	8.3	115	9.3	10.7	7.2
	MARCH	0.7	1.2	1.5	142	1.8	2.3	1.1
Swan R nr Bigfork	APR-JUL	585	640	680	120	720	775	565
	APR-SEP	670	730	775	120	820	880	645
Flathead Lake Inflow (1,2)	APR-JUL	5680	6520	6900	112	7280	8120	6180
	APR-SEP	6200	7090	7500	112	7910	8800	6700
Mill Ck ab Bassoo Ck nr Niarada	APR-JUL	4.4	5.4	6.1	149	6.8	7.8	4.1
	APR-SEP	4.9	5.9	6.6	150	7.3	8.3	4.4
South Crow Ck nr Roman	APR-JUL	10.0	11.4	12.4	123	13.4	14.8	10.1
	APR-SEP	11.5	13.1	14.2	124	15.3	16.9	11.5
Mission Ck nr St. Ignatius	APR-JUL	25	27	29	116	31	33	25
	APR-SEP	30	33	35	117	37	40	30
Sf Jocko R nr Arlee	APR-JUL	36	41	44	147	47	52	30
	APR-SEP	40	45	49	144	53	58	34
NF Jocko R bl Tabor Feeder Canal	APR-JUL	34	37	39	126	41	44	31
	APR-SEP	37	40	42	127	44	47	33

FLATHEAD RIVER BASIN Reservoir Storage (1000 AF) - End of January					FLATHEAD RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CANAS (4)		NO REPORT			NF FLATHEAD in CANADA	2	162	110
LOWER JOCKO LAKE		NO REPORT			NF FLATHEAD in MONTANA	7	140	113
MISSION VALLEY (8)		NO REPORT			MIDDLE FORK FLATHEAD	5	139	100
HUNGRY HORSE	3451.0	2889.0	2731.0	2214.7	SOUTH FORK FLATHEAD	6	170	131
FLATHEAD LAKE	1791.0	1069.0	933.0	971.2	STILLWATER-WHITEFISH	7	148	115
					SWAN	6	167	135
					MISSION VALLEY	3	160	148
					LITTLE BITTERROOT-ASHLEY	4	226	132
					JOCKO	4	195	131
					FLATHEAD in MONTANA	30	159	121
					FLATHEAD RIVER BASIN	32	159	120

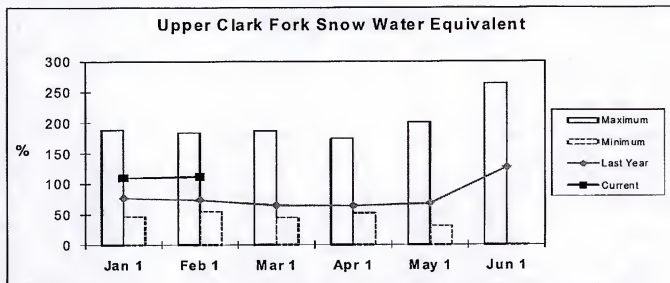
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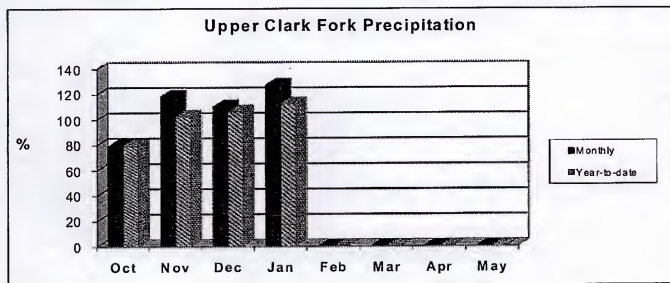
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were above average and increased 2 percent from January 1. Snow water content was 112 percent of average and 154 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during January was 124 percent of average and 195 percent of last year. Valley precipitation during January was 165 percent of average and 154 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 112 percent of average and 145 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 107 percent.

East Fork Rock Creek storage was 122 percent of average and 95 percent of last year; Georgetown Lake storage was not available; Lower Willow Creek storage was not available; and Nevada Creek storage was 180 percent of average and 122 percent of last year.

Surface Water Supply Index (SWSI) was +1.4 in the Clark Fork River above Milltown; and +2.5 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<----- Drier -----		Future Conditions		----- Wetter ----->		30-Yr Avg. (1000AF)
		90%	70%	50%	Chance Of Exceeding *	30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Little Blackfoot R nr Garrison	APR-JUL	47	65	77	101	89	107	76
	APR-SEP	53	72	85	101	98	117	84
Flint Ck nr Southern Cross	APR-JUL	7.2	11.1	13.7	100	16.3	20	13.7
	APR-SEP	8.0	12.9	16.2	100	19.5	24	16.2
Flint Ck bl Boulder Ck	APR-JUL	31	46	56	100	66	81	56
	APR-SEP	41	59	71	100	83	101	71
Lower Willow Ck Reservoir Inflow (2)	APR-MAY	4.6	7.0	8.6	105	10.2	12.6	8.2
	APR-JUL	6.9	10.6	13.1	105	15.6	19.3	12.5
MF Rock Ck nr Philipsburg	APR-JUL	49	59	66	103	73	83	64
	APR-SEP	56	67	74	103	81	92	72
Rock Ck nr Clinton	APR-JUL	199	250	285	106	320	370	270
	APR-SEP	230	285	325	107	365	420	305
Clark Fork R ab Milltown	APR-JUL	410	555	655	108	755	900	605
	APR-SEP	495	655	765	109	875	1040	705
Nevada Ck nr Helmville	APR-MAY	6.3	9.6	11.8	115	14.0	17.3	10.3
	APR-JUL	10.9	16.3	19.9	115	24	29	17.3
Blackfoot R nr Bonner	APR-JUL	745	865	945	117	1030	1140	805
	APR-SEP	835	965	1050	118	1140	1260	890
Clark Fork R ab Missoula	APR-JUL	1170	1420	1590	113	1760	2010	1410
	APR-SEP	1360	1630	1810	113	1990	2260	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of January

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - February 1, 2011

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
EAST FORK ROCK CREEK	15.6	11.1	11.7	9.1	CLARK FORK ab FLINT CREEK	10	122	106
GEORGETOWN LAKE		NO REPORT			FLINT CREEK	6	126	99
LOWER WILLOW CREEK		NO REPORT			ROCK CREEK	3	137	99
NEVADA CREEK	12.6	8.3	6.8	4.6	CLARK FORK ab BLACKFOOT	16	130	104
					BLACKFOOT	13	178	121
					UPPER CLARK FORK BASIN	27	154	112

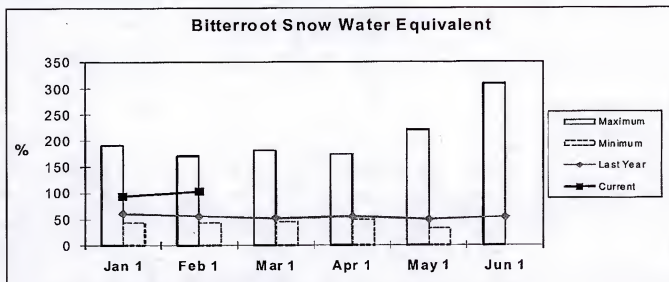
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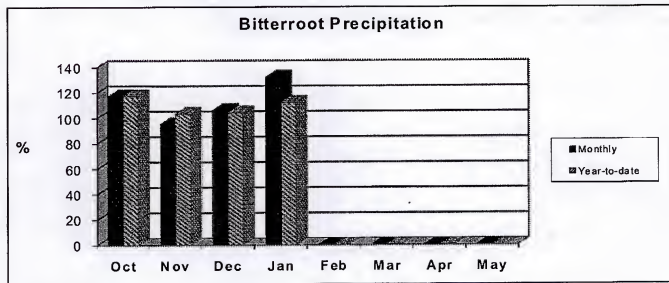
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were near average and increased 9 percent from January 1. Snow water content was 103 percent of average and 183 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 134 percent of average and 264 percent of last year. Valley precipitation during January was 98 percent of average and 151 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 112 percent of average and 176 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 105 percent.

Painted Rocks Lake storage was 176 percent of average and 178 percent of last year and Como storage was 128 percent of average and 133 percent of last year.

Surface Water Supply Index (SWSI) was +0.9 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<----- Drier ----->		Future Conditions		----- Wetter ----->		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
WF Bitterroot R nr Conner (2)	APR-JUL	109	138	157	110	176	205	143
	APR-SEP	119	151	173	110	195	225	157
Bitterroot R nr Darby	APR-JUL	330	415	475	103	535	620	460
	APR-SEP	385	470	530	103	590	675	515
Como Reservoir Inflow (2)	APR-JUL	69	76	81	104	86	93	78
	APR-SEP	73	80	85	104	90	97	82
Bitterroot R nr Missoula	APR-JUL	970	1150	1270	102	1390	1570	1250
	APR-SEP	1070	1260	1390	102	1520	1710	1370

BITTERROOT RIVER BASIN Reservoir Storage (1000 AF) - End of January					BITTERROOT RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
PAINTED ROCKS LAKE	31.7	12.3	6.9	7.0	WEST FORK BITTERROOT	2	194	111
COMO	34.9	13.6	10.2	10.6	EAST SIDE BITTERROOT	3	193	110
					WEST SIDE BITTERROOT	3	180	99
					BITTERROOT RIVER BASIN	7	183	103

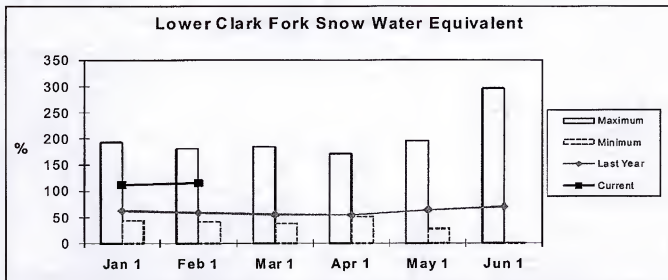
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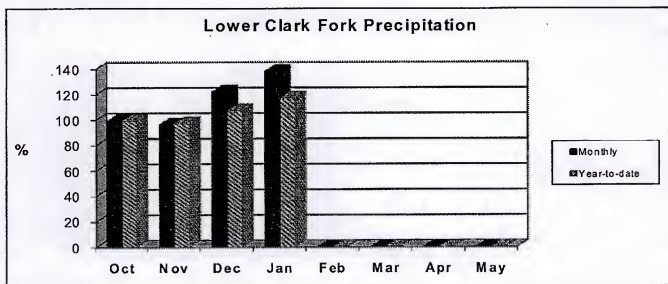
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were above average and increased 4 percent from January 1. Snow water content was 116 percent of average and 182 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during January was 140 percent of average and 266 percent of last year. Valley precipitation during January was 125 percent of average and 215 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 117 percent of average and 170 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 109 percent.

Noxon Rapids storage was 102 percent of average and 99 percent of last year.

Surface Water Supply Index (SWSI) was +1.6 in the Clark Fork River below Bitterroot River and +1.7 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		90%	70%	50%	Chance Of Exceeding * (% AVG.)	30%	10%	
		(1000AF)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	
Clark Fork R bl Missoula	APR-JUL	2210	2620	2900	109	3180	3590	2660
	APR-SEP	2490	2930	3230	109	3530	3970	2960
Clark Fork R at St. Regis (1)	APR-JUL	2770	3500	3830	109	4160	4890	3520
	APR-SEP	3140	3910	4260	109	4610	5380	3910
Clark Fork R nr Plains (1,2)	APR-JUL	8910	10500	11200	111	11900	13500	10100
	APR-SEP	9870	11500	12300	111	13100	14700	11100
Thompson R nr Thompson Falls	APR-JUL	168	205	230	112	255	290	205
	APR-SEP	193	235	260	113	285	325	230
Prospect Ck at Thompson Falls	APR-JUL	95	112	123	106	134	151	116
	APR-SEP	102	119	131	106	143	160	124
Clark Fork at Whitehorse Rpd (1,2)	APR-JUL	9800	11500	12300	109	13100	14800	11300
	APR-SEP	10900	12700	13500	108	14300	16100	12500

LOWER CLARK FORK RIVER BASIN Reservoir Storage (1000 AF) - End of January					LOWER CLARK FORK RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
NOXON RAPIDS	335.0	316.8	321.5	310.9	LOWER CLARK FORK BASIN	8	182	116

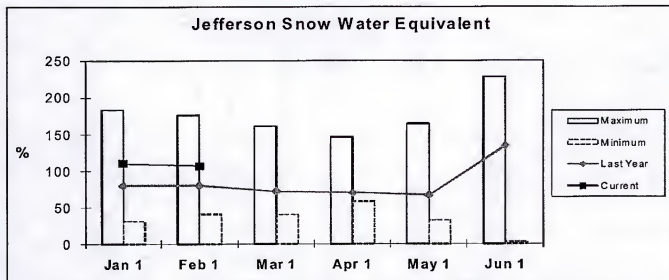
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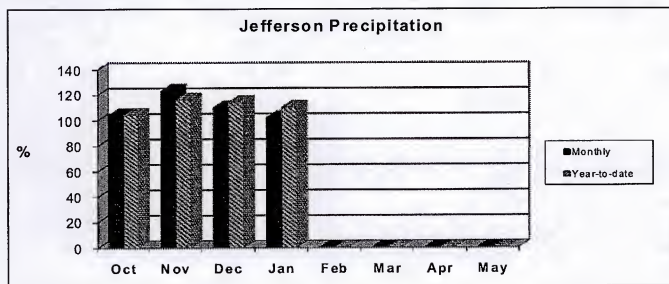
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were above average and decreased 3 percent from January 1. Snow water content was 107 percent of average and 135 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during January was 104 percent of average and 137 percent of last year. Valley precipitation during January was 24 percent of average and 19 percent of last year; Mountain and valley water year precipitation, beginning October 1, 2010, was 110 percent of average and 133 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 102 percent.

Lima storage was 147 percent of average and 121 percent of last year; Clark Canyon storage was 113 percent of average and 103 percent of last year; and Ruby River storage was 104 percent of average and 109 percent of last year.

Surface Water Supply Index (SWSI) was +1.4 in the Beaverhead River; +1.3 in the Ruby River; +1.5 in the Big Hole River; +0.1 in the Boulder River; and +1.9 for the Jefferson River.

JEFFERSON RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		Wetter ----->>		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Lima Reservoir Inflow (2)	APR-JUL	56	76	89	93	102	122	96
	APR-SEP	62	84	100	96	116	138	104
Clark Canyon Reservoir Inflow (2)	APR-JUL	35	87	122	93	157	210	131
	APR-SEP	54	111	149	96	187	245	156
Beaverhead R at Barretts (2)	APR-JUL	35	108	158	94	210	280	168
	APR-SEP	48	134	192	96	250	335	200
Ruby R Reservoir Inflow (2)	APR-JUL	66	81	92	110	103	118	84
	APR-SEP	78	96	108	107	120	138	101
Big Hole R at Wisdom	APR-JUL	70	111	138	114	165	205	121
	APR-SEP	73	116	146	112	176	220	130
Big Hole R nr Malrose	APR-JUL	530	650	730	120	810	930	610
	APR-SEP	565	695	785	119	875	1000	660
Jefferson R nr Twin Bridges (2)	APR-JUL	595	790	925	118	1060	1250	785
	APR-SEP	625	850	1000	114	1150	1370	880
Boulder R nr Boulder	APR-JUL	39	55	66	85	77	93	78
	APR-SEP	42	59	71	84	83	100	85
Willow Ck Reservoir Inflow (2)	APR-JUL	4.8	11.2	15.6	87	20	26	17.9
	APR-SEP	5.7	12.6	17.4	87	22	29	20
Jefferson R nr Three Forks (2)	APR-JUL	455	680	830	106	980	1210	780
	APR-SEP	495	745	915	106	1090	1340	860

JEFFERSON RIVER BASIN					JEFFERSON RIVER BASIN			
Reservoir Storage (1000 AF) - End of January					Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LIMA	84.0	50.0	41.2	34.0	BEAVERHEAD	8	152	116
CLARK CANYON	255.6	159.4	154.4	141.1	RUBY	5	117	97
RUBY RIVER	38.8	24.6	22.5	23.7	BIGHOLE	10	143	112
					BOULDER	8	118	100
					JEFFERSON RIVER BASIN	26	135	107

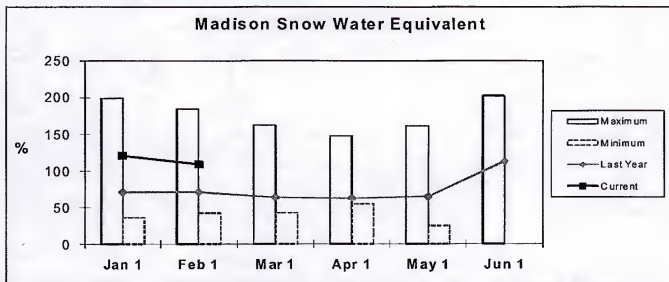
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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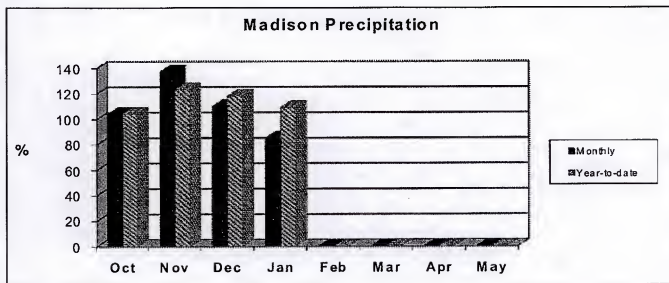
Madison River Basin

Snowpack conditions in the Madison River Basin were above average and decreased 12 percent from January 1. Snow water content was 109 percent of average and 154 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 1987 and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January was 85 percent of average and 121 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 109 percent of average and 138 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 99 percent.

Ennis Lake storage was 89 percent of average and 94 percent of last year and Hebgen Lake storage was 113 percent of average and 100 percent of last year.

Surface Water Supply Index (SWSI) was +0.6 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>>		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Hegben Reservoir Inflow (2)	APR-JUL	320	360	390	99	420	460	395
	APR-SEP	410	460	495	98	530	580	505
Ennis Reservoir Inflow (2)	APR-JUL	520	610	670	99	730	820	680
	APR-SEP	650	755	825	97	895	1000	850

MADISON RIVER BASIN Reservoir Storage (1000 AF) - End of January					MADISON RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ENNIS LAKE	41.0	27.8	29.6	31.3	MADISON abv HEBGEN LAKE	6	180	114
HEBGEN LAKE	377.5	301.9	302.3	266.5	MADISON blw HEBGEN LAKE	8	137	105
					MADISON RIVER BASIN	14	154	109

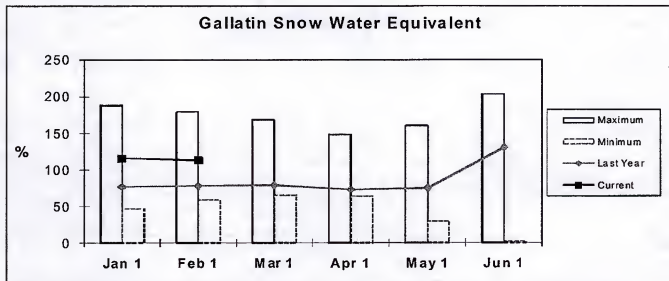
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.
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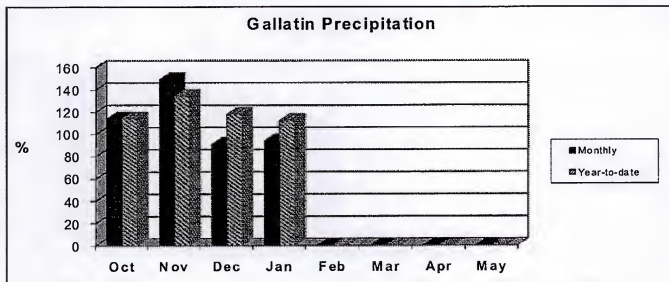
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were above average and decreased 3 percent from January 1. Snow water content was 113 percent of average and 144 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 1987; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 96 percent of average and 128 percent of last year. Valley precipitation during January was 65 percent of average and 70 percent of last year; Mountain and valley water year precipitation, beginning October 1, 2010, was 112 percent of average and 131 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 103 percent.

Middle Creek storage was 156 percent of average and 100 percent of last year.

Surface Water Supply Index (SWSI) was +1.1 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Gallatin R nr Gateway	APR-JUL	360	415	455	103	495	550	440
	APR-SEP	420	485	530	103	575	640	515
Hyalite Reservoir Inflow (2)	APR-JUL	18.2	20	22	100	24	26	22
	APR-SEP	21	23	25	100	27	29	25
Gallatin R at Logan	APR-JUL	355	455	525	106	595	695	495
	APR-SEP	415	530	605	106	680	795	570

GALLATIN RIVER BASIN Reservoir Storage (1000 AF) - End of January					GALLATIN RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
	This Year	Last Year	Avg				Last Yr	Average
MIDDLE CREEK	10.2	6.7	6.7	4.3	UPPER GALLATIN	4	161	114
					HYALITE	2	124	100
					BRIDGER	2	132	120
					GALLATIN RIVER BASIN	8	144	113

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

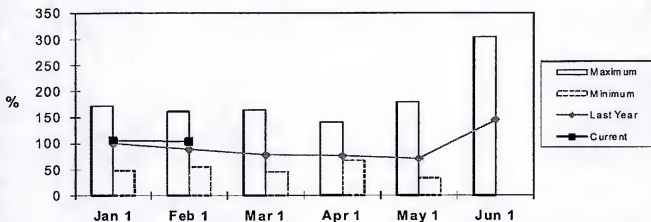
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Missouri Mainstem River Basin

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were slightly above average and increased 1 percent from January 1. Snow water content was 109 percent of average and 143 percent of last year.

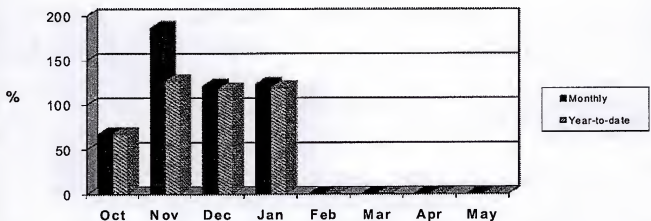
Headwaters Mainstem Snow Water Equivalent



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977 and 1988; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966 and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 111 percent of average and 154 percent of last year. Valley precipitation during January was 146 percent of average and 80 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 119 percent of average and 103 percent of last year.

Headwaters Mainstem Precipitation



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 102 percent.

Canyon Ferry Lake storage was 96 percent of average and 96 percent of last year; Helena Valley storage was 130 percent of average and 116 percent of last year; Lake Helena storage was 77 percent of average and the 98 percent of last year; Hauser & Helena storage was 110 percent of average and 97 percent of last year; Holter Lake storage was 102 percent of average and 99 percent of last year; and Fort Peck Lake storage was 103 percent of average and 121 percent of last year.

Surface Water Supply Index (SWSI) was +0.7 in the Missouri River above Canyon Ferry; +0.6 in the Missouri River below Canyon Ferry; -0.3 in the Dearborn River near Craig; +1.0 in the Missouri River above Fort Peck; and +0.9 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Missouri R at Toston (2)	APR-JUL	1510	1890	2150	105	2410	2790	2050
	APR-SEP	1730	2200	2510	105	2820	3290	2390
Dearborn R nr Craig	APR-JUL	51	78	96	79	114	141	121
	APR-SEP	56	85	104	83	123	152	125
Missouri R at Fort Benton (2)	APR-JUL	2160	2740	3140	105	3540	4120	2990
	APR-SEP	2560	3280	3750	105	4220	4940	3570
Missouri R nr Virgelle (2)	APR-JUL	2490	3160	3620	105	4080	4750	3450
	APR-SEP	2910	3720	4260	105	4800	5610	4060
Missouri R nr Landusky (2)	APR-JUL	2660	3380	3870	105	4360	5080	3690
	APR-SEP	3130	3980	4560	105	5140	5990	4350
Missouri R bl Fort Peck Dam (2)	APR-JUL	2780	3500	4000	107	4500	5220	3740
	APR-SEP	3200	4070	4640	107	5210	6080	4330
Lake Sakakawea Inflow (2)	APR-JUL	7010	8910	10200	105	11500	13400	9740
	APR-SEP	8080	10300	11800	105	13300	15400	11200

MISSOURI MAINSTEM RIVER BASIN Reservoir Storage (1000 AF) - End of January					MISSOURI MAINSTEM RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CANYON FERRY LAKE	2043.0	1517.0	1586.0	1576.1	HEADWATERS MAINSTEM	8	117	104
HELENA VALLEY	9.2	5.7	4.9	4.4	SMITH-JUDITH-MUSSELSHELL	10	125	119
LAKE HELENA	12.7	10.0	10.2	13.0	SUN-TETON-MARIAS	7	146	93
HAUSER & HELENA	74.6	69.3	71.3	63.2	MAINSTEM ab FT PECK RES	24	130	105
HOLTER LAKE	81.9	80.7	81.3	79.4	MILK RIVER BASIN	9	183	233
FORT PECK LAKE	18910.0	15280.0	12610.0	14887.0	MISSOURI MAINSTEM BASIN	32	136	123

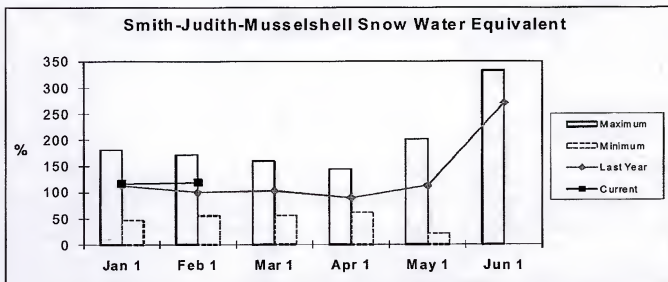
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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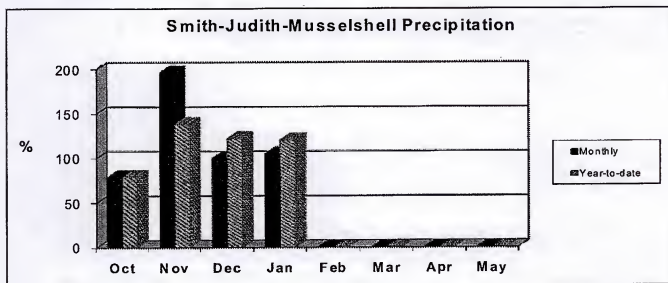
Smith-Judith-Musselshell River Basins

Snowpack conditions in the Smith-Judith-Musselshell River Basins were at above and increased 2 percent from January 1. Snow water content in the Smith River Basin was 114 percent of average and 132 percent of last year; the Judith River Basin was 128 percent of average and 119 percent of last year; and the Musselshell River Basin was 116 percent of average and 135 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January in the Smith-Belts was 103 percent of average and 176 percent of last year; in the Judith was 105 percent of average and 128 percent of last year; and in the Musselshell was 108 percent of average and 101 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 120 percent of average and 104 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 115 percent.

Smith River storage was 127 percent of average and 116 percent of last year; Bair storage was 153 percent of average and 131 percent of average; Ackley storage was 125 percent of average and 98 percent of last year; Martinsdale storage was 179 percent of average and 97 percent of last year; and Deadman's Basin 139 percent of average and 168 percent of last year.

Surface Water Supply Index (SWSI) was +2.5 in the Smith River; +3.3 in the Upper Judith River, and +2.2 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Sheep Ck nr White Sulphur Springs	APR-JUL	13.0	16.2	18.4	108	21	24	17.1
	APR-SEP	15.8	19.5	22	110	25	28	20
Smith R bi Eagle Ck (2)	APR-JUL	77	109	130	98	151	183	133
	APR-SEP	87	123	148	99	173	210	149
NF Musselshell R nr Delpine	APR-JUL	3.6	4.9	5.7	124	6.5	7.8	4.6
	APR-SEP	4.2	5.6	6.6	122	7.6	9.0	5.4
SF Musselshell R ab Martinsdale	APR-JUL	29	48	61	117	74	93	52
	APR-SEP	31	51	65	116	79	99	56
Musselshell R at Harlowton (2)	APR-JUL	36	69	91	118	113	146	77
	APR-SEP	37	71	95	117	119	153	81
Musselshell R nr Roundup (2)	APR-JUL	49	77	123	124	169	235	99
	APR-SEP	50	80	125	123	170	235	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of January

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - February 1, 2011

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
SMITH RIVER	10.6	8.0	6.9	6.3	SMITH	6	132	114
ACKLEY LAKE	7.0	4.0	4.1	3.2	HIGHWOOD	2	128	119
BAIR	7.0	5.5	4.2	3.6	JUDITH	4	119	128
MARTINSDALE	23.1	18.1	18.7	10.1	MUSSELSHELL	3	135	115
DEADMAN'S BASIN	72.2	65.1	38.7	46.8	SMITH-JUDITH-MUSSELSHELL	10	125	119

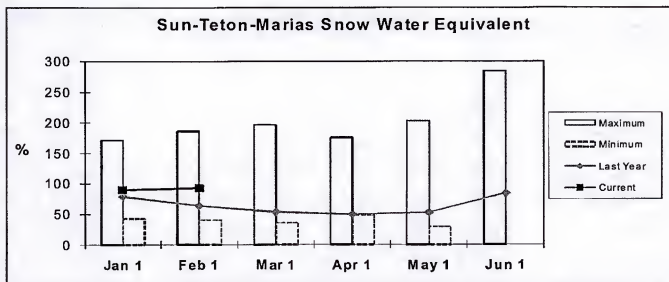
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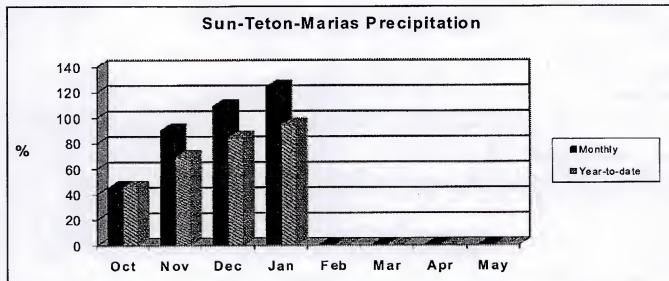
Sun-Teton-Marias River Basins

Snowpack conditions in the Sun-Teton-Marias River Basins were below average and increased 3 percent from January 1. Snow water content in the Sun River Basin was 108 percent of average and 163 percent of last year; in the Teton River Basin was 96 percent of average and 150 percent of last year; and in the Marias River Basin was 89 percent of average and 141 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January in the Sun was 138 percent of average and 367 percent of last year; in the Teton was 137 percent of average and 223 percent of last year; and in the Marias was 118 percent of average and 226 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 94 percent of average and 109 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 97 percent.

Gibson storage was 34 percent of average and 66 percent of last year; Pishkun storage was 119 percent of average and 101 percent of last year; Willow Creek storage was 83 percent of average and 73 percent of last year; Lower Two Medicine Lake storage was 41 percent of average and 90 percent of last year; Four Horns Lake storage was 105 percent of average and 313 percent of last year; Swift storage was 77 percent of average and 73 percent of last year; Lake Frances storage was 108 percent of average and 165 percent of last year; and Lake Elwell (Tiber) storage was 119 percent of average and 104 percent of last year.

Surface Water Supply Index (SWSI) was -0.4 in the Sun River; +0.7 in the Teton River; +0.8 in the Birch/Dupuyer Creeks; 0.0 in the Marias River above Tiber, and +2.0 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		Chance of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)		30% (1000AF)	10% (1000AF)
Gibson Reservoir Inflow (2)	APR-JUL	305	360	400	87	440	495	460
	APR-SEP	340	400	440	87	480	540	505
Two Medicine R nr Browning (2)	APR-JUL	145	170	187	91	205	230	205
	APR-SEP	156	182	199	93	215	240	215
Badger Ck nr Browning	APR-JUL	59	76	87	101	98	115	86
	APR-SEP	65	83	95	100	107	125	95
Swift Reservoir Inflow (2)	APR-JUL	47	58	66	103	74	85	64
	APR-SEP	57	69	78	101	87	99	77
Dupuyer Ck nr Valier	APR-JUL	3.1	10.2	15.0	107	19.8	27	14.0
	APR-SEP	3.7	11.5	16.8	107	22	30	15.7
Cut Bank Ck nr Browning	APR-JUL	49	63	73	95	83	97	77
	APR-SEP	54	69	79	94	89	104	84
Marias R nr Shelby (2)	APR-JUL	220	330	400	96	470	580	415
	APR-SEP	215	330	405	92	480	595	440
Teton R nr Dutton	APR-JUL	18.8	29	47	92	65	93	51
	APR-SEP	22	34	54	92	74	103	59

SUN-TETON-MARIAS RIVER BASINS Reservoir Storage (1000 AF) - End of January					SUN-TETON-MARIAS RIVER BASINS Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GIBSON	99.1	15.6	23.5	45.8	SUN	2	163	108
PISHKUN	32.0	21.2	21.0	17.8	TETON	3	150	96
WILLOW CREEK	32.2	18.5	25.5	22.4	MARIAS	4	141	89
LOWER TWO MEDICINE LAKE	11.9	3.6	4.0	8.8	SUN-TETON-MARIAS	7	146	93
FOUR HORNS LAKE	19.2	12.5	4.0	11.9				
SWIFT	30.0	12.0	16.4	15.5				
LAKE FRANCES	112.0	72.1	43.8	66.8				
LAKE ELWELL (TIBER)	1347.0	753.5	724.9	635.5				

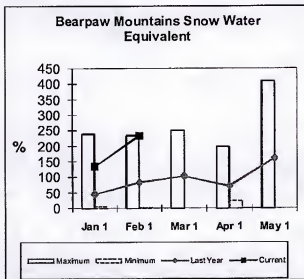
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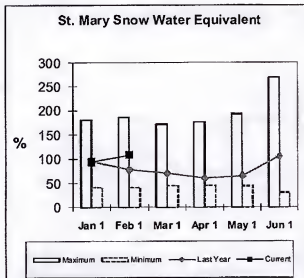
St. Mary and Milk River Basins

Snow water content in the Saint Mary River was 108 percent of average and 139 percent of last year. Snow water content in the Bearpaw Mountains was 203 percent of average and 283 percent of last. Snow water content for the Cypress Hills in Canada was 257 percent of average and 159 percent of last year.

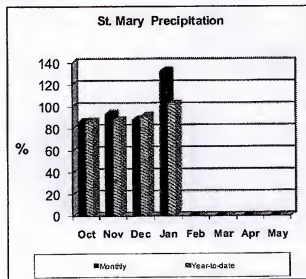
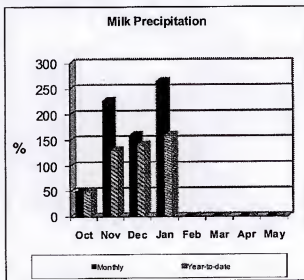


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.



Mountain and valley precipitation in the St. Mary River Basin during January was 132 percent of average and 277 percent of last year; and in the Milk River Basin during January was 264 percent of average and 215 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 117 percent of average and 130 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts in the St. Mary should average 107 percent and in the Milk should average 148 percent.

Lake Sherburne storage was 184 percent of average and 187 percent of last year; Fresno storage was 127 percent of average and 168 percent of last year; Beaver Creek storage was not available; and Nelson storage was 148 percent of average and 113 percent of last year.

Surface Water Supply Index (SWSI) was +1.9 in the St. Mary River and +2.2 in the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>		Future Conditions		----- Wetter ----->>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *		50%		30%		
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Lake Sherburne Inflow (2)	APR-JUL	95	104	110	105	116	125	105
	APR-SEP	112	121	127	104	133	142	122
St. Mary R nr Babb (2)	APR-JUL	335	375	405	105	435	475	385
	APR-SEP	400	440	470	104	500	540	450
St. Mary R at Int'l Boundary (2)	APR-JUL	380	440	480	110	520	580	435
	APR-SEP	455	515	555	108	595	655	515
Milk R at Western Crossing (3)	MAR-JUL	28	39	47	115	55	66	41
	MAR-SEP	29	41	50	116	59	71	43
	APR-JUL	24	32	38	115	44	52	33
	APR-SEP	26	35	41	114	47	56	36
Milk R at Eastern Crossing (2,3)	MAR-JUL	39	77	102	122	127	165	83
	MAR-SEP	44	83	110	125	137	176	88
	APR-JUL	26	53	72	119	91	118	61
	APR-SEP	33	61	81	117	101	129	69
Beaver Ck nr Havre	MAR-JUL	13.9	17.4	19.8	206	22	26	9.6
	APR-JUL	6.6	11.9	17.7	203	26	48	8.7

ST. MARY and MILK RIVER BASINS Reservoir Storage (1000 AF) - End of January					ST. MARY and MILK RIVER BASINS Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE SHERBURNE	64.3	48.5	25.9	26.4	ST. MARY	2	139	108
FRESNO	127.0	63.5	37.7	50.1	BEARPAW MOUNTAINS	3	243	203
BEAVER CREEK		NO REPORT			CYPRESS HILLS, CANADA	6	159	257
NELSON	66.8	50.6	44.8	34.2	MILK RIVER BASIN	8	183	233
					ST. MARY & MILK BASINS	11	161	155

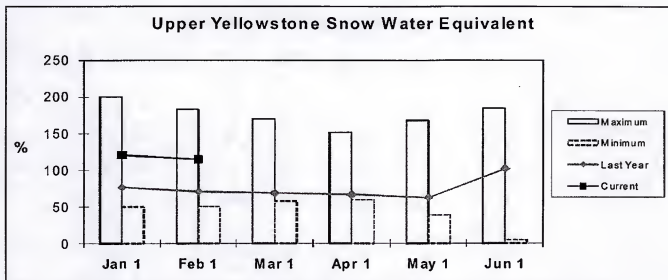
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.
 (3) - Median value used in place of average.

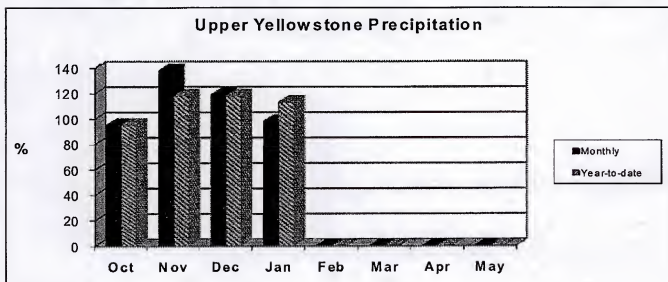
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were above average and decreased 6 percent from January 1. Snow water content was 115 percent of average and 161 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 102 percent of average and 174 percent of last year. Valley precipitation during January was 44 percent of average and 54 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 113 percent of average and 144 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 105 percent.

Mystic Lake storage was 122 percent of average and 128 percent of last year and Cooney storage was 117 percent of average and 108 percent of last year.

Surface Water Supply Index (SWSI) was +1.8 in the Yellowstone River above Livingston; +2.5 in the Shields River; +2.2 in the Boulder River; +0.6 in the Stillwater River; -0.9 in the Rock/Red lodge Creeks; +2.4 in the Clarks Fork River; and +1.7 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<----- Drier ----->>>		Future Conditions		Wetter ----->>>		30-Yr Avg. (1000AF)
		90%	70%	50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Yellowstone R at Yellowstone Lake	APR-JUL	550	615	655	111	695	760	590
	APR-SEP	725	805	860	107	915	995	805
Yellowstone R at Corwin Springs	APR-JUL	1640	1790	1900	115	2010	2160	1650
	APR-SEP	1910	2090	2220	113	2350	2530	1970
Yellowstone R at Livingston	APR-JUL	1850	2040	2170	114	2300	2490	1900
	APR-SEP	2150	2380	2530	111	2680	2910	2280
Shields R nr Livingston	APR-JUL	87	133	165	114	197	245	145
	APR-SEP	94	144	179	111	215	265	162
Boulder R at Big Timber	APR-JUL	255	295	325	114	355	395	285
	APR-SEP	270	320	350	111	380	430	315
West Rosebud Ck nr Roscoe (2)	APR-JUL	50	55	58	97	61	66	60
	APR-SEP	64	71	75	97	79	86	77
Stillwater R nr Absarokee (2)	APR-JUL	375	435	475	96	515	575	495
	APR-SEP	445	515	560	96	605	675	585
Clarks Fk Yellowstone R nr Belfry	APR-JUL	540	595	630	117	665	720	540
	APR-SEP	600	655	695	117	735	790	595
Cooney Reservoir Inflow (2)	APR-JUL	12.6	24	31	66	38	49	47
	APR-SEP	21	32	40	70	48	59	57
Yellowstone R at Billings	APR-JUL	2960	3410	3720	106	4030	4480	3510
	APR-SEP	3300	4010	4370	106	4730	5450	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of January

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2011

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MISTIC LAKE	21.0	7.8	6.1	6.4	YELLOWSTONE ab LIVINGSTON	15	173	116
COONEY	27.4	18.2	16.8	15.6	SHIELDS	4	132	118
					BOULDER-STILLWATER	3	156	121
					RED LODGE-ROCK CREEK	2	97	81
					CLARK'S FORK	7	167	116
					UPPER YELLOWSTONE BASIN	27	161	115

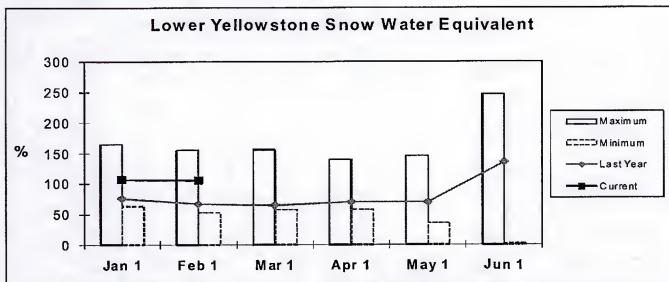
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

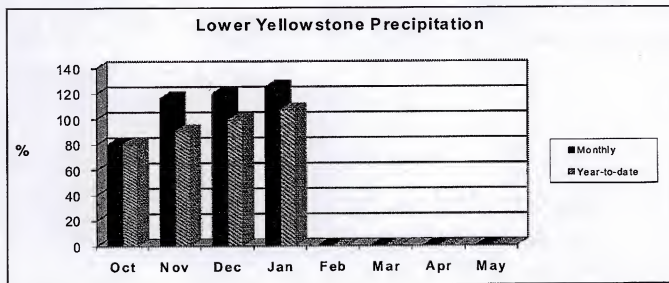
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were above average and decreased 1 percent from January 1. Snow water content was 106 percent of average and 159 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January was 125 percent of average and 221 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 107 percent of average and 138 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 97 percent.

Bighorn Lake storage was 101 percent of average and 94 percent of last year and Tongue River storage was 228 percent of average and 106 percent of last year.

Surface Water Supply Index (SWSI) was -2.0 in the Bighorn River below Bighorn Lake; +0.2 in the Little Bighorn River; 0.0 in the Yellowstone River below Bighorn River; +1.6 in the Tongue River; and +1.3 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2011

Forecast Point	Forecast Period	<<===== Drier =====		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bighorn R nr St. Xavier (2)	APR-JUL	985	1350	1600	99	1850	2210	1610
	APR-SEP	1050	1460	1730	98	2000	2410	1760
Little Bighorn R nr Hardin	APR-JUL	54	83	102	80	121	150	128
	APR-SEP	62	94	115	80	136	168	144
Tongue R nr Dayton (2)	APR-JUL	59	77	90	94	103	121	96
	APR-SEP	69	89	102	94	115	135	109
Big Goose Ck nr Sheridan	APR-JUL	30	41	49	94	57	68	52
	APR-SEP	37	49	57	95	65	77	60
Little Goose Ck nr Bighorn	APR-JUL	21	28	33	97	38	45	34
	APR-SEP	28	36	41	98	46	54	42
Tongue River Reservoir Inflow (2)	APR-JUL	98	162	205	93	250	310	220
	APR-SEP	118	185	230	92	275	340	250
Yellowstone R at Miles City (2)	APR-JUL	4200	4960	5470	102	5980	6740	5360
	APR-SEP	4720	5750	6340	102	6930	7970	6210
Powder R at Moorhead	APR-JUL	110	169	210	102	250	310	205
	APR-SEP	132	193	235	102	275	340	230
Powder R nr Locate	APR-JUL	116	190	240	102	290	365	235
	APR-SEP	132	210	265	102	320	400	260
Yellowstone R nr Sidney (2)	APR-JUL	4210	5060	5640	103	6220	7070	5480
	APR-SEP	4820	5760	6460	103	7160	8100	6280

LOWER YELLOWSTONE RIVER BASIN Reservoir Storage (1000 AF) - End of January					LOWER YELLOWSTONE RIVER BASIN Watershed Snowpack Analysis - February 1, 2011			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BIGHORN LAKE	1356.0	870.5	922.8	859.5	WIND RIVER (Wyoming)	20	155	100
TONGUE RIVER	79.1	51.7	48.9	22.7	SHOSHONE RIVER (Wyoming)	6	166	104
					BIGHORN RIVER (Wyoming)	20	166	111
					LITTLE BIGHORN (Wyoming)	3	148	108
					TONGUE RIVER (Wyoming)	10	143	105
					POWDER RIVER (Wyoming)	9	152	112
					LOWER YELLOWSTONE BASIN (48	159	106

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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Federal Building, Room 443
10 E. Babcock
Bozeman, MT 59715



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